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Abstract

PURPOSE: To provide an alkaline secondary battery separator in which affinity with an electrolyte is increased, the life of a battery is lengthened, and self- discharge is decreased by containing no organic binder by containing inorganic oxide particles in a polyolefin nonwoven fabric.

CONSTITUTION: Inorganic oxide sol containing colloidal inorganic oxide particles 3 having self-binding ability is stuck to a polyolefin nonwoven fabric 1. The inorganic oxide particles 3 or hydrate particles of the inorganic oxide are deposited on and bonded to fibers 2 constituting the nonwoven fabric 1 to form an alkaline secondary battery separator.